AMENDMENTS TO THE SPECIFICATION:

Please replace paragraphs [0025], [0026] and [0027] beginning on page 8

and ending on page 9:

[0025] A system for resolving network connectivity according to an exemplary

embodiment is shown in FIG. 2. The system includes means for resolving

network connectivity, such as memory 202 and a processor 204. The system

processor includes means, such as logic, configured to determine, using

information stored in the memory 202, whether a first device is included in a

portion of a network in which the first device can receive information directed to

all devices included within the portion of the network. As described in

conjunction with the method shown in FIG. 1, the portion of the network can

generally be a broadcast domain, and more specifically can be a broadcast domain

defined by a VLAN. The information can be a broadcast message directed to all

devices within the VLAN. The processor 204 can execute network topology

discovery software, such as HP's NNM Extended Topology, to determine whether

the first device is included in a portion of a network.

[0026] The processor 204 also includes logic configured to obtain, from the

memory 202, a first identifier associated with the portion of the network. For

example, the first device can be a network switch 208 configured to logically

partition a LAN segment connected to the switch (or a switch port) into a VLAN

210 representing the portion of the network. The network switch can include

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means, such as a MIB 212, configured to store an identifier of the VLAN (e.g.,

VLAN_3), which can be the first identifier. The identifier (or VLAN_3)

associated with the portion of the network (or VLAN 210) can be obtained using

an SNMP query to retrieve the VLAN identifier associated with switch 208 or

switch port stored in the MIB 212. Although shown separately in the figure, the

MIB 212 can be a portion of the memory 202.

[0027] The system processor 204 also includes means, such as logic, configured

to assign a second identifier to the portion of the network unique to other portions

of the network. For example, in an arrangement where the portion of the network

is the VLAN 210 associated with the network switch 208 and/or a switch port, a

second identifier, such as a domain identifier (e.g., Domain_5), can be assigned to

the broadcast domain defined by the VLAN 210. The second identifier (or domain

identifier Domain_5) assigned to the VLAN 210 is different than other domain

identifiers (e.g., Domain_1) assigned to other VLAN broadcast domains 214 in the

network arrangement. The second identifier (Domain_5) is assigned to represent

the portion of the network (VLAN 210) in addition to the first identifier

(VLAN_3) already associated with the network portion. The second identifier can

be different than (e.g., "5" versus "3"), or can be the same as the first identifier.

Please replace paragraph [0029] beginning on page 9 and ending on page

10:

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[0029] The system processor 204 also includes means, such as logic, configured

to associate the modified first identifier with the first device and the portion of the

network. The association can be stored, e.g., in a table in the memory 202, or can

occur dynamically, e.g., through the use of software. For example, a table, such

as that shown in Table 1, can be used to associate a modified first identifier with

the first device and the portion of the network. In the second row of Table 1, a

modified first identifier (VLAN_3_5) is shown to be associated with a portion of

the network (VLAN_3 in Domain 5) and a first device ("c55-sc0.cnd.hp.com").

Please replace paragraph [0031] beginning on page 10 and ending on page

10:

[0031] According to an exemplary embodiment, the system can include means,

such as a display 206, operatively coupled to logic included in the processor 204

configured to present on the display 206 a first symbol identifying the first device,

connected to a second symbol identifying the portion of the network using the

modified first identifier. The display 206 can be a network management console,

or the display 206 and processor 204 can be embodied in a network management

station used to monitor and manage the network.